BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Estimate Cost Rs. 15.00Lakhs

Name of Work:-Improvements to roads and drains at Nagenahallinear Govt School and Surrounding Areas in ward no-02 Of Yelahanka Sub Division.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.2 : Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. specification, specification. No. KBS 2.1(b) / 2.3.5, No. 5/ Item No. 2.4/ PWD SR 2016-17	Cum							
	Drain:-5th A cross		1	45.00	1.10	0.70	34.65		
	Main Road(5Th A Cross To Railway Track)		1	120.00	1.10	0.90	118.80		
	Culverts		1	5.00	1.35	0.90	6.08		
							159.53	**332.98**	**53118.00**
	Basic Rate	283.00							
	Add 11% of Difference Rates in Up to Date SR 2017-2018	31.13							
		314.13							
	Area Weightage @ 6%	18.85							
	Total	**332.98**							
2	KSRRB M100-1 Loading and un loading of stone boulder/Stone aggregates/sand/kanker/Moorum.KSRRB M100-1:Placing tipper at loading point,loading with front end loader,dumping,turning for return trip,excluding time for haulage and return trip complete as per specifications(Item no17.1,Page no130,PWD SR 2016-17)	Cum							
			Vide Item No. 1				159.53	80.01	12763.00
	Basic Rate	68.00							
	Add 11% of Difference Rates in Up to Date SR 2017-2018	7.48							
		75.48							
	Area Weightage @ 6%	4.53							
	Total	**80.01**							
3	KSRB 4-1.3:Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @0.57cum machine mixed,machine mixed,concrete laid in layers not exeeding 15cms.thick, well compacted in foundation,including cost of all materials,labour,HOM of machinery,curing complete as per specifications.Specification no KBS4.1,4.2(Item no 4.3,Page no12,PWD SR 2016-17)	Cum							
	Drain:-5th A cross		1	45.00	0.90	0.15	6.08		
	Main Road(5Th A Cross To Railway Track)		1	120.00	0.90	0.15	16.20		
	Culverts		1	5.00	1.20	0.15	0.90		
		1					**23.18**	**5726.51**	**132712.00**

	Basic Rate	4867.00								
	Add 11% of Difference Rates in Up to Date SR 2017-2018	535.37								
		5402.37								
	Area Weightage @ 6%	324.14								
	Total	**5726.51**								
	KSRB 4.2.2 : Providing and laying in position Reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @0.460cum with superplastesisre @ 3lts conforming etc as per specification&direction of the engineer incharge of work (pwd sr2016-17,p.no13,sno4.11)	Cum								
	Bottom Concrete :-Drain		1	45.00	0.90	0.15	6.08			
			1	120.00	0.90	0.15	16.20			
	Culverts		1	5.00	1.20	0.25	1.50			
	Side walls		2	45.00	0.15	0.60	8.10			
			2	120.00	0.15	0.75	27.00			
			2	5.00	0.25	0.80	2.00			
	Deck slab		1	5.00	1.00	0.25	1.25			
	Approaches		2	5.00	0.90	0.12	1.08			
	Road		1	5.00	4.50	0.10	2.25			
							65.46	7072.54	462933.00	
	Basic Rate	6011.00								
	Add 11% of Difference Rates in Up to Date SR 2017-2018	661.21								
		6672.21								
	Area Weightage @ 6%	400.33								
	Total	**7072.54**								
5	KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per specifications.Specification noKBS 4.6.3,TMT bars Fe55 0(pwd sr2016-17,p.no17,s.no4.46)	Tonne,s								
	0.080 tonne,s / cum						5.15	66714.40	343579.00	
	Basic Rate	56701.00								
	Add 11% of Difference Rates in Up to Date SR 2017-2018	6237.11								
		62938.11								
	Area Weightage @ 6%	3776.29								
	Total	**66714.40**								
6	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, attached pilasters, bittresses,buttresses plinth and string course including cost of all materials,labour complete asperspecificationS.Specification no.KBS 4.6.2 (pwd sr2016-17 p.no15/4.31)	Sqm								
	Side walls:-Drain		4	45.00		0.65	117.00			
			4	120.00		0.80	384.00			
	Culverts		4	5.00		1.00	20.00			
	Deck slab bottom	2	1	5.00	0.60		3.00			
							524.00	344.74	180646.00	

Basic Rate	293.00							
Add 11% of Difference Rates in Up to Date SR 2017-2018	32.23							
	325.23							
Area Weightage @ 6%	19.51							
Total	**344.74**							
Providing and fixing Precast RCC Slabs as Per approved design, specification and Direction Engineer-in-Charge. (Approved Data Rate).	Sqm							
Covering slabs:-		1	45.00	0.90		40.50		
		1	120.00	0.90		108.00		
						148.50	2100.00	311850.00
Miscellaneous & Unforeseen Charges								2,399.00
							TOTAL	**1500000.00**
(Rupees Fifteen lakhs Only)								

CERTIFICATE :-

The work spot has been inspected and the work is found necessary.
This estimate is prepared as per P.W.D S.R of 2017-18
The provisions were made in this estimate are necessary and adequate.
This works come under B.B.M.P. limits.

Assistant Engineer
ward No 02

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Satellite Town Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Yelahanka Division

Administrative Approval
Accorded For Rs. 15.00 Lacs
Head of A/C ... P.1771
CER NO : 238 ... Dt: 8-2-18

[TA] [CE (YNK)]

TECHNICALLY SANCTIONED FOR Rs. 15.00 lacs
Rupees ... Fifteen lakhs ...
... = 0017 ...
Under ... P.1771 - 2017-18 ...
...
Registered as CE ( ) No. ... 9 9
Subject to conditions contained in enclosed memo EE ( ) No. ... /9/
Dt. ... Estimate Sanctioned
EE/YNK/TS/65/17-18
Dated ... 16-02-2018 ... Rs. 15.00 Lacs

Executive Engineer

150 - YELAHANKA AC

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BRUHAT BANGALORE MAHANAGAR PALIKE
WARD: 2- CHOWDESWARI WARD

VILLAGE BOUNDARY
TANK
ISRO LAYOUT
VILLAGE BOUNDARY
VILLAGE BOUNDARY
NAGANAHALLI MAIN ROAD
HAROHALLI
NAGANAHALLI
VILLAGE BOUNDARY
DODDABALLAPUR ROAD
SRI NIDHI LAYOUT
NAGANAHALLI NEW LAYOUT
KEB LAYOUT PHASE-I
VILLAGE BOUNDARY
CRPF QUARTERS
NEW LAYOUT
DODDABALLAPUR ROAD
CRPF CAMPUS
BALAJI LAYOUT
KENCHENAHALLI
EXI CMC WARD BND
RAILWAY LINE
ANATAPURA
DUO MARTEL LAYOUT
D G STAFF QUARTERS
MAHALAXMI LAYOUT
RAMANASHREE CALIFORNIA GARDEN LAYOUT
VINAYAKA LAYOUT
YALAHANKA KERE
PUTTANAHALLI KERE
PUTTANAHALLI
TANK LIMIT
SWD
KHB ROAD
MAIN RD
CROSS RD
KHB COLONY
4TH MAIN
PUTTENHALLI ROAD
WHEEL & AXLE PLANT
CHOWDESWARI LAYOUT
BELLARY
KAMAKSHAMMA LAYOUT
5TH B CROSS
DODDABALLAPURA RD
FM GOETZE PLANT
CROSS RD
BAZZAR ROAD
YELAHANKA NEW TOWN
YESHWANTPURA ROAD
13TH A MAIN
EAST COLONY
YELAHANKA
YELAHANKA SETELLITE TOWN
N.E.S. MAIN RD

INDEX

- PROPOSED WARD BOUNDARY
- RIVER/ DRAIN
- RAILWAY LINE
- ROAD

AE-02

NOTIFICATION NO. UDD 59 MLR 2009. DATE. 15.07.09